

1770 RPM

ENCLOSED TYPE IMPELLER

10JKL

NUMBER OF STAGES EFFICIENCY CHANGE (NO. OF POINTS)

1 - 3
2 - 1
3 - 0

HORSEPOWER WILL BE AFFECTED
BY CHANGE IN EFFICIENCY

PUMP DATA

Shaft Dia.(IN)	1 1/2
Maximum Sphere (IN)	9/16
Maximum Head (FT)*	808
Min. Submergence (IN)**	18
Impeller Weight (LBS)	10
Thrust Constant (K)	8
Thrust Bal Const. (K)	2.5
Bowl O.D.(IN.)	9 13/16
Bowl Height (IN.)	8 1/2
Bell DIA. (T) (IN.)	9 3/8
Strainer height (IN.)	8 7/8
Impeller C-line(X)(IN.)	6 1/2
Eye Area (IN^ 2)	15

NOTES

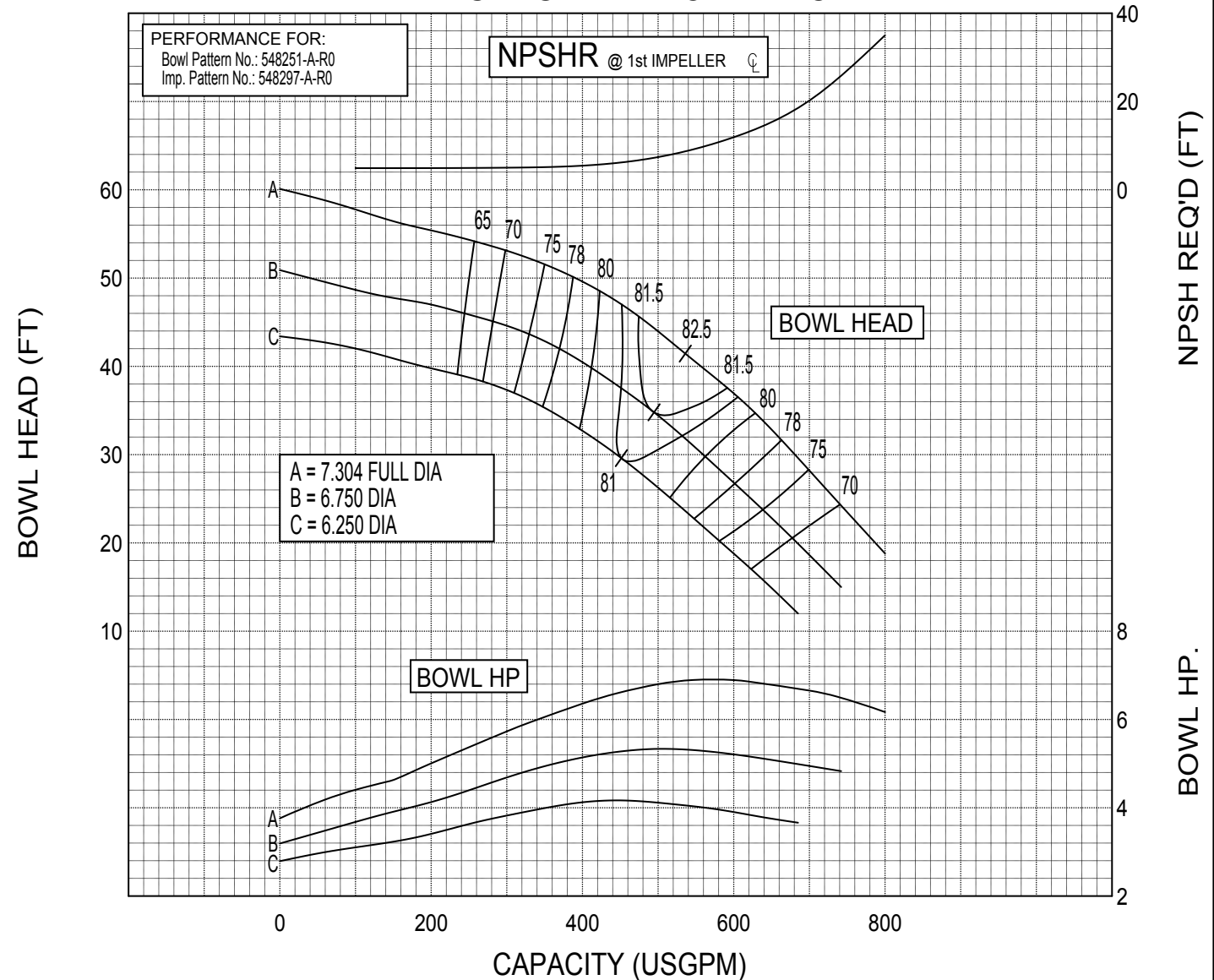
Performance indicated based on cold water with specific gravity of 1.0.

* Standard Construction.

** Minimum submergence over lip of bell to prevent vortexing.

Efficiency improvements are available in certain instances. Please contact the factory.

PER STAGE PERFORMANCE



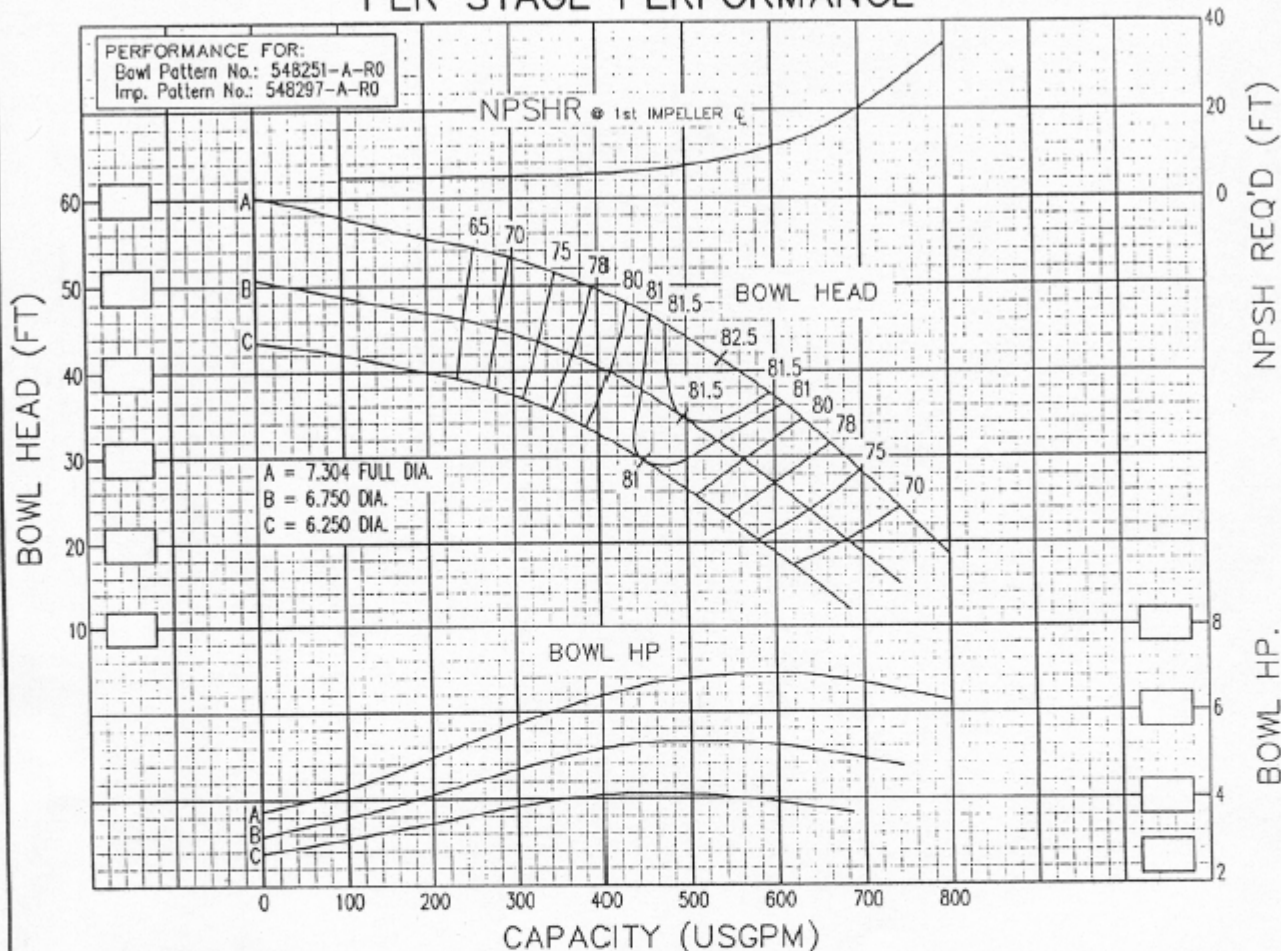
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1	-3
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Floway PUMPS

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PER STAGE PERFORMANCE



PUMP DATA

THRUST CONSTANT (K): 8.0 (K) BALANCED: 2.5 W.R.2/STAGE (LB.FT.2): 0.6 SPECIFIC SPEED (N_s): 2500
SHAFT DIAMETER (IN): 1 1/2 MAX. SPHERE (IN): 3/16 EYE AREA (IN²): 15.0 MAX. HEAD (STD.CONSTR.)(FT.): 808
MIN. SUBM.(IN.): 18" IMP. WT. (LBS): 10.0 STD. AXIAL CLEARANCE (IN.): 3/16 MAX. AXIAL CLEARANCE (IN.): 3/4

DIMENSIONS

DIM'S	A	B	C	E	F ₁	F ₂	G	J	K
INCHES	8	8 1/2	7 1/2	9 3/4	12	16	5 1/4	24	21 1/4
L	N	P	S	T	W	X	SD	SL	SW
8	4-5-6-8	6	7 1/2	9 3/4	5 1/4	6 1/2	10 1/4	8 3/4	9 3/4

NOTES

Add "B" for additional stage.

"X" is the distance from the lip of bell to the first impeller centerline.

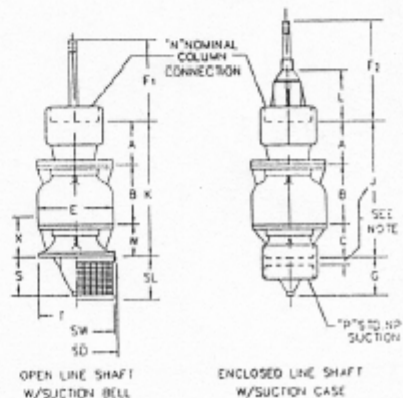
Add 2" to "J" and "C" when suction is larger or smaller than standard.

Performance indicated is based on cold water with a specific gravity of 1.0.

The performance shown is based on pump tests conducted in accordance with the Hydraulic Institute Standards with standard materials of construction.

• Minimum submergence over lip of bell to prevent vortexing.

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"There's a Difference..."

A **WEIR** COMPANY